

Attorney Docket: 27097U

MAIL STOP PCT

U.S. Department Of Commerce, Patent And Trademark Office		Date: December <u>23</u> , 2005
Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371		U.S. Application No.: (if known) (Not Yet Assigned) <b>10/562142</b>
International Application No.: PCT/EP2004/051308	International Filing Date: 30 June 2004 (30.06.2004)	Priority Date Claimed: 30 June 2003 (30.06.2003) EP
Title of Invention: PYRROLO-DIHYDROISOQUINOLINE DERIVATIVES AS PDE10 INHIBITORS		
Applicants for DO/EO/US: BAER, Thomas; VENNEMANN, Matthias		
<p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li><input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>ITEMS 10 to 19 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</li> <li><input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</li> <li><input checked="" type="checkbox"/> Other items or information: TRANSMITTAL LETTER; APPLICATION DATA SHEET; INTERNATIONAL PUBLICATION NUMBER: WO 2005/002579 A1, WITH PCT/ISA/210 (INTERNATIONAL SEARCH REPORT); INTERNATIONAL PUBLICATION DATE: 13 JANUARY 2005 (13.01.2005), WHICH CONSISTS OF 54 PAGES: 1 PAGE FOR THE COVER SHEET, 46 PAGES OF TEXTUAL SPECIFICATION, 7 PAGES OF 15 CLAIMS, 0 SHEETS OF DRAWINGS; <b>PRELIMINARY AMENDMENT WITH APPENDICES A AND B TO BE EXAMINED</b>; EXECUTED DECLARATION AND POWER OF ATTORNEY; PCT/IB/308 (FIRST NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION); PCT/IB/308 (SECOND AND SUPPLEMENTAL NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION); PCT/ISA/237 (WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY); PCT/IB/304 (NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT); PCT/RO/101 (PCT REQUEST); POSTCARD FOR EARLY NOTIFICATION OF THE SERIAL NUMBER REQUEST.</li> </ol>		

JC10 Rec'd PCT/PTO 23 DEC 2005

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U.S. Application Number: (if known): Not Yet Assigned <b>10/562142</b>	International Application Number: PCT/EP2004/051308	Date: December <b>23</b> , 2005
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The following fees are submitted:	CALCULATIONS	PTO USE ONLY
21. Basic National Fee ..... \$ 300.00	\$ 300.00	
22. Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy Provisions of PCT Article 33(1)-(4) ..... \$ 100.00 All other situations ..... \$ 200.00	\$ 200.00	
23. Search Fee (37 CFR 1.445(a)(2) has been paid on the International Application to the USPTO as an International Searching Authority ... \$ 100.00 International Search Report prepared and provided to the Office ..... \$ 400.00 All other situations ..... \$ 500.00	\$ 400.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$ 250.00 for each additional 50 sheets of paper or fraction thereof.		
ENTER APPROPRIATE BASIC FEE AMOUNT =	\$ 900.00	

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 0.00	
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CLAIMS	NUMBER: FILED	NUMBER: EXTRA	RATE		
TOTAL	18-20=	0	X \$ 50.00	\$ 0.00	
INDEPENDENT	1-3=	0	X \$ 200.00	\$ 0.00	
Multiple dependent claims(s) (if applicable)			+ \$360.00	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 900.00	
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$ 0.00	
SUBTOTAL =				\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 900.00	
				Amount to be: refunded	\$
				charged	\$

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U.S. Application Number:  
(if known): Not Yet Assigned  
**10/562142**

International Application  
Number: PCT/EP2004/051308


Date: December 23, 2005

- a. ☒ One check in the amount of \$ 900.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account Number: 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account Number: 14-0112.
- d. ☐ Fees are to be charged to a credit card \_\_\_\_\_ WARNING: Information on this form may become public \_\_\_\_\_ Credit Card Information should not be included on this form.  
\_\_\_\_\_ Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BAER, et al.

Serial No.: Not Yet Assigned

Filed: December 23, 2005

International Appl. No.: PCT/EP2004/051308

International Filing Date: 30 June 2004 (30.06.2004)

Title: PYRROLO-DIHYDROISOQUINOLINE DERIVATIVES AS PDE10 INHIBITORS

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Application Data Sheet;
- 2) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning filing under 35 U.S.C. 371;
- 3) International Publication Number: WO 2005/002579 A1, with PCT/ISA/210 (International Search Report); International Publication Date: 13 January 2005 (13.01.2005), which consists of 54 pages:
  - 1 page for the Cover Sheet,
  - 46 pages of Textual Specification,
  - 7 pages of 15 Claims,
  - 0 sheets of Drawings;
- 4) **Preliminary Amendment with Appendices A and B to be Examined;**
- 5) Executed Declaration and Power of Attorney;
- 6) PCT/IB/308 (First Notice Informing the Applicant of the Communication of the International Application);
- 7) PCT/IB/308 (Second and Supplemental Notice Informing the Applicant of the Communication of the International Application);
- 8) PCT/ISA/237 (Written Opinion of the International Searching Authority);
- 9) PCT/IB/304 (Notification Concerning Submission or Transmittal of Priority Document);
- 10) PCT/RO/101 (PCT Request);
- 11) Check No.: 1386 in the Amount of \$ 900.00 for Basic Filing Fee, which includes the Search and Examination Fees, as a Large Entity;
- 12) Postcard for Early Notification of the Serial Number Request.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**

By: 

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Customer No. 34375

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